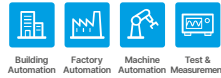


PJT (12 V, 15 V)

- Small standard footprint
- Low Leakage Current < 0.1mA
- High MTBF > 700,000 hrs as per Telcordia SR-332
- Overvoltage / Overcurrent / Over Temperature / Short Circuit Protections

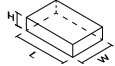


Applications



Output		PJT-12V40WBA□	PJT-12V65WBA□	PJT-12V100WBA□	PJT-12V100WBB□	PJT-15V40WBA□	PJT-15V65WBA□	PJT-15V100WBA□	PJT-15V100WBB□
Output Voltage		12V	12V	12V	12V	15V	15V	15V	15V
Output Current		3.33 A	5.0 A	8.33 A	6.67 A (Convection) 8.33 A (Forced Air)	2.67 A	4.2 A	6.67 A	5.33 A (Convection) 6.67 A (Forced Air)
Output Power		40W	60W	100W	80W (Convection) 100W (Forced Air)	40W	63W	100W	80W (Convection) 100W (Forced Air)
PARD (20MHz)		< 120mVpp				< 150mVpp			
Hold-up Time	115V _{AC}	18ms typ.	16ms typ.	20ms typ.	10ms typ.	18ms typ.	16ms typ.	20ms typ.	10ms typ.
	230V _{AC}	90ms typ.	80ms typ.			90ms typ.	80ms typ.		
Input									
Phase Input		Single Phase					Single Phase		
Input Voltage Range		90~264 V _{AC}					90~264 V _{AC}		
Input Frequency		47~63Hz					47~63Hz		
Input Current	115V _{AC}	0.85 A typ.	1.50 A typ.	1.50 A typ.	2.50 A typ.	0.85 A typ.	1.50 A typ.	1.50 A typ.	2.50 A typ.
	115V _{AC}	85.0% typ.	86.0% typ.	86.5% typ.	86.0% typ.	86.0% typ.	87.0% typ.	87.5% typ.	87.0% typ.
	230V _{AC}	86.0% typ.	86.5% typ.		88.0% typ.	87.0% typ.	88.5% typ.		89.0% typ.
Max Inrush Current (Cold Start)	115V _{AC}	30 A typ.				30 A typ.			
	230V _{AC}	60 A typ.				60 A typ.			
Power Factor		Conform to EN 61000-3-2					Conform to EN 61000-3-2		
Leakage Current		240V _{AC}	< 0.1mA					< 0.1mA	
Mechanical									
Case Cover / Chassis		-					-		
Dimensions (L × W × H)	mm	76.2 × 50.8 × 22.9	101.6 × 50.8 × 30	127 × 76.2 × 31	101.6 × 50.8 × 31.8	76.2 × 50.8 × 22.9	101.6 × 50.8 × 30	127 × 76.2 × 31	101.6 × 50.8 × 31.8
	inch	3.00 × 2.00 × 0.90	4.00 × 2.00 × 1.18	5.00 × 3.00 × 1.22	4.00 × 2.00 × 1.25	3.00 × 2.00 × 0.90	4.00 × 2.00 × 1.18	5.00 × 3.00 × 1.22	4.00 × 2.00 × 1.25
Unit Weight	kg	0.08	0.13	0.21	0.15	0.08	0.13	0.21	0.15
	lb	0.18	0.29	0.46	0.33	0.18	0.29	0.46	0.33
Cooling System		Convection				Convection / Forced Air			
MTBF ²⁾		> 700,000 hrs				> 700,000 hrs			
Environment									
Operating Temperature ³⁾		-10°C to +70°C					-10°C to +70°C		
Storage Temperature		-40°C to +85°C					-40°C to +85°C		
Operating Humidity		10 to 95% RH (Non-Condensing)					10 to 95% RH (Non-Condensing)		
Operating Altitude		0 to 5,000m (0 to 16,400ft)					0 to 5,000m (0 to 16,400ft)		

Dimensions Reference



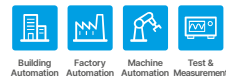
Notes

- 1) At 25°C ambient temperature.
- 2) MTBF as per Telcordia SR-332 (I/P: 115 V_{AC}, O/P: 100% load).
- 3) Refer power de-rating in the product datasheet.
- 4) All parameters are specified at 25°C ambient temperature unless otherwise indicated.

PJT (18V, 24V, 27V)

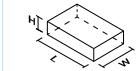
- Small standard footprint
- Low Leakage Current
- High MTBF > 700,000 hrs as per Telcordia SR-332
- Overvoltage / Overcurrent / Over Temperature / Short Circuit Protections

Applications



Output	PJT-18V40WBA□		PJT-18V65WBA□		PJT-18V100WBA□		PJT-18V100WBB□		PJT-24V40WBA□		PJT-24V65WBA□		PJT-24V100WBA□		PJT-24V100WBB□		PJT-27V150WBNA		
Output Voltage	18V		18V		18V		18V		24V		24V		24V		24V		V1: 27V, V _{SB} : 12V		
Output Current	2.22A		3.61A		5.55A		4.44A (Convection) 5.55A (Forced Air)		1.66A		2.71A		4.17A		3.33A (Convection) 4.17A (Forced Air)		V1: 5.55A V _{SB} : 0.5A		
Output Power	40W		65W		100W		80W (Convection) 100W (Forced Air)		40W		65W		100W		80W (Convection) 100W (Forced Air)		V1: 150W V _{SB} : 6W		
PARD (20MHz)		< 180mVpp										< 240mVpp						V1: < 150mVpp, V _{SB} : < 75mVpp	
Hold-up Time	115V _{AC} 230V _{AC}	18ms typ. 90ms typ.	16ms typ. 80ms typ.		20ms typ.		10ms typ.		18ms typ. 90ms typ.		16ms typ. 80ms typ.		20ms typ.		10ms typ.		> 40ms		
Input																			
Phase Input		Single Phase																	
Input Voltage Range		90-264V _{AC}																	
Input Frequency		47-63Hz																	
Input Current	115V _{AC} 230V _{AC}	0.85A typ.	1.50A typ.		1.50A typ.		2.50A typ.		0.85A typ.		1.50A typ.		1.50A typ.		2.50A typ.		< 1.80A < 0.90A		
Efficiency ¹⁾ at 100% Load	115V _{AC} 230V _{AC}	86.0% typ.	87.0% typ. 88.0% typ.		87.5% typ.		87.0% typ. 89.0% typ.		86.0% typ. 87.0% typ.		87.0% typ.		88.0% typ.		88.0% typ. 89.0% typ.		> 88.5% > 89.5%		
Max Inrush Current (Cold Start)	115V _{AC} 230V _{AC}	30A typ.	30A typ.		30A typ.		30A typ.		30A typ.		30A typ.		30A typ.		30A typ.		< 50A		
Power Factor	115V _{AC} 230V _{AC}	60A typ.	60A typ.		60A typ.		60A typ.		60A typ.		60A typ.		60A typ.		60A typ.		< 100A		
Leakage Current	240V _{AC} 264V _{AC}	Conform to EN 61000-3-2																	
		Conform to EN 61000-3-2																	
		< 0.1mA																	
		< 0.1mA																	
		-																	
		< 0.25mA																	
Mechanical																			
Case Cover / Chassis		-																	
Dimensions (L × W × H)	mm inch	76.2 × 50.8 × 22.9 3.00 × 2.00 × 0.90	101.6 × 50.8 × 30 4.00 × 2.00 × 1.18		127 × 76.2 × 31 5.00 × 3.00 × 1.22		101.6 × 50.8 × 31.8 4.00 × 2.00 × 1.25		76.2 × 50.8 × 22.9 3.00 × 2.00 × 0.90		101.6 × 50.8 × 30 4.00 × 2.00 × 1.18		127 × 76.2 × 31 5.00 × 3.00 × 1.22		101.6 × 50.8 × 31.8 4.00 × 2.00 × 1.25		127 × 76.2 × 36.5 5.00 × 3.00 × 1.44		
Unit Weight	kg lb	0.08 0.18	0.13 0.29		0.21 0.46		0.15 0.33		0.08 0.18		0.13 0.29		0.21 0.46		0.15 0.33		0.37 0.82		
Cooling System		Convection																	
MTBF ²⁾		> 700,000hrs																	
Environment																			
Operating Temperature ³⁾		-10°C to +70°C																	
Storage Temperature		-40°C to +85°C																	
Operating Humidity		10 to 95% RH (Non-Condensing)																	
Operating Altitude		0 to 5,000m (0 to 16,400ft)																	
		10 to 95% RH (Non-Condensing)																	
		0 to 5,000m (0 to 16,400ft)																	
		5 to 95% RH (Non-Condensing)																	

Dimensions Reference



Notes

- 1) At 25°C ambient temperature.
- 2) MTBF as per Telcordia SR-332 (I/P: 115V_{AC}, O/P: 100% load).
- 3) Refer power de-rating in the product datasheet.
- 4) All parameters are specified at 25°C ambient temperature unless otherwise indicated.